



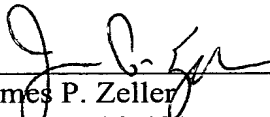
PATENT

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant: Masatoshi Nakayama)
Serial No.: 10/617,560)
Filed: July 11, 2003)
For: THIN-FILM MAGNETIC)
HEAD, METHOD FOR)
PRODUCING THE SAME AND)
MAGNETIC DISK DEVICE USING)
THE SAME)
Group Art Unit: To be assigned)
Examiner: To be assigned)

I hereby certify that this paper is being
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October 13, 2003


James P. Zeller
Reg. No. 28,491

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
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Sir:

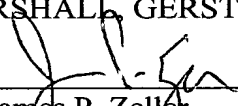
Submitted herewith for consideration by the examiner are copies of the documents
identified on the attached Form PTO-1449.

U.S. 5,175,658 is a U.S. counterpart to Japan 4-276367.

Entry and consideration of the submitted documents are solicited.

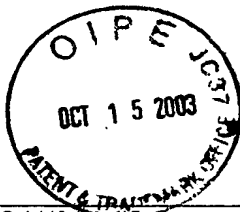
Respectfully submitted,

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Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27391/US588	Serial No. 10/617,560
INFORMATION DISCLOSURE STATEMENT		Applicant Nakayama	
		Filing Date 7/11/03	Group

U.S. PATENT DOCUMENTS							
*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date if Appropriate
		5,175,658	12/29/92	Chang et al.	360	103	

FOREIGN PATENT DOCUMENTS								
*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
		59174508 A	10/03/84	Japan			Abstract only	
		62145646 A	06/29/87	Japan			Abstract only	
		62145647 A	06/29/87	Japan			Abstract only	
		4-41672 A	02/12/92	Japan			Abstract only	
		4-276367	10/01/92	Japan			Abstract only	
		2571957	10/24/96	Japan			Abstract only	
		10275308 A	10/13/98	Japan			Abstract only	
		10289419 A	10/27/98	Japan			Abstract only	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
		New Diamond, Japan New Diamond Forum 11, October 1988, Vol. 4, No. 4, pp. 14-17
		"Bias Effect on the Formulation of Carbon Films by RF-Plasma CVD", Nakayama et al., Journal of Ceramic Society of Japan Int. Edition, Vol. 98, 1990, pp. 597-600

Examiner	Date Considered
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	